

**PATENT**  
**ATTORNEY DOCKET NO.: GENE1110-1**

Applicants: Berg and Lambrev  
Application No.: 09/344,735  
Filed: June 25, 1999  
Page 2

**In the Claims**

Please cancel non-elected claims 19 and 58.

*2/B)* Please enter claims 1, 24, 34, 63 and 69 amended to read as follows:

- A1*
1. (Amended) A method for inhibiting cell growth or enhancing cell death comprising:
- a) providing a photosensitive agent to a cell;
  - b) applying an electric pulse to the cell of a sufficient strength and duration to electroporate the cell with the photosensitive agent; and
  - c) applying light of a photoactivating wavelength to the cell thereby photoactivating the agent and inhibiting cell growth or enhancing cell death.
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- A2*
24. (Amended) The method of claim 23, wherein the heat has a temperature of about 36 °C to 42 °C.
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- A3*
34. (Amended) A method for treating a cell proliferative disorder in a subject comprising:
- a) administering a photosensitive agent to the subject having or suspected of having a cell proliferative disorder;
  - b) applying an electric pulse to a cell in the subject of a sufficient strength and duration to electroporate the cell with the photosensitive agent; and
  - c) applying light of a photoactivating wavelength to the cell thereby photoactivating the agent and treating the cell proliferative disorder.

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Page 3

63. (Amended) The method of claim 62, wherein the heat has a temperature of about 36 °C to 42 °C.

69. (Amended) An apparatus for treating a cell proliferative disorder in a subject comprising:  
a) an electrode capable of applying an electric pulse of sufficient strength and duration to electroporate a cell in the subject; and  
b) a light conductor for externally applying light of a photoactivating wavelength to the electroporated cell.